

PART B - FEE(S) TRANSMITTAL

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Mail Stop ISSUE FEE
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7590

04/26/2005

Brian C. Kunzler
10 West 100 South
Salt Lake City, UT 84101



06/30/2005 SMINASS2 00000078 090466 10080488

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA
03 FC:8001 2.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/080,488	02/22/2002	Henry Esmond Butterworth	GB919990129US1	8490

TITLE OF INVENTION: LOG-STRUCTURE ARRAY

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/26/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
BRAGDON, REGINALD GLENWOOD	2188	711-114000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. <u>Kunzler & Associates</u> 2. _____ 3. _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

International Business
Machines Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Armonk, New York 10504

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 1

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A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 09-0466 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

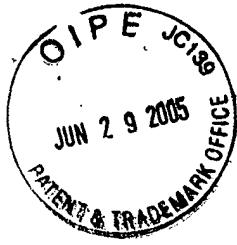
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Brian C. Kunzler
Typed or printed name Brian C. Kunzler

Date 6/24/05
Registration No. 038,527

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT
Docket No. GB919990129US1

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

APPLICANT(S): BUTTERWORTH ET AL.

SERIAL No.: 10/080,488

FILING DATE: FEBRUARY 22, 2002

TITLE: LOG-STRUCTURE ARRAY

EXAMINER: REGINALD GLENWOOD BRAGDON

GROUP ART UNIT: 2818

ATTY. DKT. No.: GB919990129US1

MAIL STOP ISSUE FEE
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**TRANSMITTAL OF THE
PAYMENT OF ISSUE FEE**

Sir:

The enclosed Payment of the Issue Fee Due is submitted herewith pursuant to 37 C.F.R. § 1.67 and M.P.E.P. § 603.01 for filing in the matter of the United States patent application as hereinabove identified. A duplicate copy of this sheet is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Commissioner of Patents
June 24, 2005
Page 2

Respectfully Submitted,
Brian C. Kunzler



Brian C. Kunzler
Reg. No. 38,527
Attorney for Applicant

Date: June 24, 2005

Brian C. Kunzler
8 East Broadway, Suite 600
Salt Lake City, Utah 84111
Telephone: 801/994-4646

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to:
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Respectfully submitted,

Transmitted: Transmittal of Payment of Issue Fee.

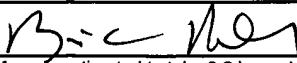
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FEE TRANSMITTAL		Complete If Known																										
JUN 29 2005 Note: Effective December 8, 2004 Patent fees are subject to annual revision. TRADE MARK		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/080,488</td> </tr> <tr> <td>Filing Date</td> <td>February 22, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Henry Esmond Butterworth</td> </tr> <tr> <td>Group Art Unit</td> <td>2188</td> </tr> <tr> <td>Examiner Name</td> <td>Reginald Glenwood Bragdon</td> </tr> <tr> <td colspan="2">TOTAL AMOUNT OF PAYMENT</td> </tr> <tr> <td colspan="2">\$ 1703</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">Attorney Docket Number</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">GB919990129US1</td> </tr> </table>			Application Number	10/080,488	Filing Date	February 22, 2002	First Named Inventor	Henry Esmond Butterworth	Group Art Unit	2188	Examiner Name	Reginald Glenwood Bragdon	TOTAL AMOUNT OF PAYMENT		\$ 1703				Attorney Docket Number					GB919990129US1		
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METHOD OF PAYMENT (check one)		FEES CALCULATION (continued)																																																																																																																																																																																																												
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <u>09-0466</u></p> <p>Deposit Account Name: <u>IBM CORPORATION</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Large Entity</th> <th style="width: 30%;">Small Entity</th> <th style="width: 40%;">Fee Description</th> <th style="width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td colspan="4">1804920*1804920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>120</td><td>2251</td><td>60</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>450</td><td>2252</td><td>225</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>1020</td><td>2253</td><td>510</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1530</td><td>2254</td><td>765</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2160</td><td>2255</td><td>1080</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>500</td><td>2401</td><td>250</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>500</td><td>2402</td><td>250</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>1000</td><td>2403</td><td>500</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive -unavoidably</td><td></td></tr> <tr><td>1453</td><td>1370</td><td>2453</td><td>685</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1400</td><td>2501</td><td>700</td><td>Utility issue fee</td><td>1400</td></tr> <tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>1100</td><td>2503</td><td>550</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for continued examination (RCE) (37 CFR 1.114)</td><td></td></tr> <tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr> <td colspan="5">Other fee (specify) <u>Fee Code: 8001 Fee: 3.00 each</u> Printed Copy of Patent w/o color, regular service delivery by USPS, UPSTO Box, or electronic means.</td> <td>3</td> </tr> <tr> <td colspan="5">Other fee (specify) <u>Publication Fee</u></td> <td>300</td> </tr> <tr> <td colspan="2">SUBTOTAL (2)</td> <td colspan="2">0</td> <td colspan="2">*Reduced by Basic Filing Fee</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">SUBTOTAL (3)</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">\$1703</td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - 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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Brian C. Kunzler		Reg. Number	38,527
Signature			Date	Jun 24, 2005	
			Deposit Account User ID		

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